

CENTRAL INTELLIGENCE AGENCY PROJECTION REPORTS AND ESTIMATES CENTRAL INTELLIGENCE AGENCY PROJECTION REPORTS AND ESTIMATES CONTROL OF REPORTS AND ESTIMATES

Project Initiation Memorandum

Date: 18 Nov 49

To: DIFE

Publications
From: Division, Projects Planning OCC

Subject: Iron and Steel industry of Manchuria

Statement of Project

Origin:

Problem: To provide requested information on iron and steel industry of Manchuria

Scope:

Latest information desired; requester has Janis #74.

Request includes desire for latest information on present condition and production of Mukden Arsenal.

Graphics (if any):

Form: Memorandum, to be drafted by

Proft due in D/St: 1 December 49

Dissemination deadline (if any): 2 December 49

Responsible Branch: D/FE

Internal Coordination: D/Ec

Departmental responsibilities: Informal coordination as needed; note that nature of request and requester is highly classified.

Classification to be no higher than: Top Secret

Recommended Dissemination: Requester only.

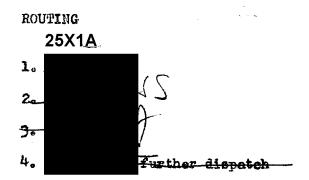
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1. Manduna - Resources, Industrial - Iron and stal

2. Mukden Arsenal.

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Approved For Release 1999/30001A-RDP79T01049A000100050001-1

Chief, D/Pub

30 November 1949

Chief, D/FE

IP-41, Iron and Steel Industry of Manchuria.

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Refs :

- a. Project Initiation Memorandum, 18 November 1949.
- b. Memorandum to Chief G/SI from Special Liaison Section.
- 1. Attached are two copies of D/FE drafts dealing with the Iron and Steel industry of Manchuria which were prepared in response to your request of 18 November 1949.
- 2. Data were included not only for the Provinces of Liaoning and Antung as requested by but for other provinces where improtant installations exist and where data were available.
- 3. A carbon of this draft is now in the process of being concurred in by D/Ec. in the event that any objections are raised by D/Ec, you will be notified of appropriate changes in the draft.

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IP-41

30 November 1949

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Mukden 90th Arsenal

The Mukden Arsenal was captured by the Communists early in Movember 1948. The takeover was accomplished with a minimum of damage. It is highly probable that production was resumed by the Communists and maintained during 1949. No report since November 1948 has reached TRE about the arsenal, however. Although the Communists press frequently makes mention of many industries in Manchuria (e.g., reporting production goals surpassed, worker ingenuity in reconstruction, labor conditions, etc.), no reference is ever made to arsenals in Manchuria.

Sections of the arsenal date back to 1910 and, for the most part the arsenal was built before the Japanese took over in 1931. The Japanese did expand the plants and by 1945 were producing a long list of ordnance items. Japanese records state that the arsenal contained 9,560 major items of equipment in August 1945. The Seviets removed 20% (by value) of this equipment, some 3,304 machines, in a selective fashion, according to the Fauley Report. The Report concludes that 1946 capacit, of the Mukden Arsenal was reduced perhaps 80% by all causes including looting, war destruction, deterioration and Seviet removal.

Subsequent operation by the Mationalists belied the extreme pessimism of the Paule, investigators. Limited production began July 7, 1946 and by March 1948 production had recovered to an impressive level, (see table below) though only in a few but important items. Most of the remaining equipment is over 20 years

2 *

old, but is apparently still serviceable. The arsenal employed 11,000 workers in 1948 compared to a peak employment during Japanese occupation of 40,000 workers. The arsenal's power plant has a capacity of 8,000 kw but operated in 1948 at 5,800 kw. The arsenal also has a small foundr, and two electric furnaces (10 ton day capacity). Most of the high explosive powder came from the Liaoyang explosives factory (a subsidiary branch of the 90th Arsenal). The only other important subsidiary to the Mukden arsenal is the Went Tun (Heavy Machinery branch ractory) located a few miles north of Mukden. Although reportedly sacked by the Soviets, the Went Kuan Tun Branch produced for the Mationalists large quantities of shells and aerial bombs.

In conclusion, it appears that the post-war operation of the Mukden Arsenal was surprisingly effective, despite the endof-war destruction, raw material shortages and inefficient organization(by US standards) of the plants.

Capacity of the Mukden Arsemal*

	August 1945	March 1948
kifles	24,000	24,000
Machine guns	1,680	600
Cartridges	54,000,000	48,000,000
Shells	720,000	360,000

^{*} The figures of 1948 appear optimistic but the AMA who conducted a personal investigation of the Mukden Arsenal states that "figures have been checked on two different occasions and are believed to be as accurate as is possible to obtain." In 1948 the Arsenal also undertook various repair and conversion (of weapons) activities.

SEGRET

Source: Principal ones were the Pauley "Report on Japanese Assets in Manchuria to the President of the United States, July, 1946" and AMA, Mukden, R-284-48 3/22/48, Secret.

Manonurian Coal Mines.

The Communist 1949 goal of coal production was originally 10 million metric tons, but in September 1949 this goal was reduced to 9 million metric tons, no doubt because of the late summer flooding of some of the largest mines such as Founsin, Fushum and Penchihu. In the opinion of D/FE (and also responsible analysts in OIR) this goal is modest and may be fulfilled without undue difficulty by the Communists. 1950 coal production is estimated to increase to 10 million metric tons in Manchuria, a little lower than the Communist goal of 12 million metric tons.

The information D/FE has received on 1949 coal production in Manchuria is fragmentar, and limited, but our conclusions (which of necessity are tentative) are presented in the table attached 25X1X to the memorandum. Certain specific information is significant enough to be described in detail.

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reported that production there was 3,500 tens per day, but that the Communists were operating in an inefficient, "coal-rob-bing" manner highly damaging to the mine. reported similar conditions prevailed at Hsian, although the Founsin and Hackang mines are in relatively good condition. 1949 production at Pench'ihu will be about 460,000 tens.

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South Manchurian Mailway coal mines-Fushun, Yentai, Chiacho and Lactoukuo-which could be jointly operated by China and the USSR under the 1945 Sino-Soviet treaty.

Preported no Soviet 25X1X participation at Fushum, or even Soviet admisors, although he stated some Soviet machinery had arrived. The Mortheast Feople's Government has recreanized Manchurian coal mines by placing the most important under itself. The MEPG operates ten mines including Founsin, Fushum, Fench'inu, Chiacho, Maian and T'unghua. All these are in southern Manchuria. Eleven mines are to be operated by the local governments. The iron and steel mills in Manchuria will receive their entire supply of coking coal from MEPG mines in the next few years at least.

The attaches table lists some statistics on the principal coal mines in Manchuria. Data are presented on the mine locations, production in 1936, the peak war year, estimated 1947, estimated current capacity, coking suitability of the coal, principal use and destination of the coal in 1940. The method of production is not described, since JANIS 74 on "Mandhurian Resources and Trade" contains the most recent information available to D/FE on coal mining processes.

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Approved For Release 1999/09/27: CIA-RDRZ9T01049A900100050001-1
30 November 1949

Manchurian Iron mines

The iron mines in Manchuria have, in general, not been rehabilitated by the Chinese Communists, since the demand for iron ore must necessarily await the reopening of the Anshan and Pench'ihu blast furnaces (we assume poor export prospects for the present). The information available to D/FE indicates that only at the Fench ihu mines was production resumed in 1949, the Communists striving for a goal of 100,000 tons of iron ore in 1949. This figure is not too meaningful since it is not known whether the Commounists are mining the rich or lean ores around Pench thu. In 1943, the Japanese mined 5,438,000 tons of iron ore in the three major mine areas of Anshan, Penchihu and Tungpientao. War and Soviet removals have seriously damaged the Anshan mines, but the other two areas should still have considerable capacity to produce ore, perhaps as much as 500,000 tons annually. The nature of Manchurian ore is such that the lean ore is plentiful and close to the surface but that the rich ore occurs in veins and dykes, which, necessitates expensive underground mining methods. But Soviet removals or damage to concentrating equipment, (at Anshan this consisted of roasting, crushing, and magnetically separating of the ore) was reportedly 100%; therefore, only the high grade ore not requiring beneficiation before smelting would be of value to the Communists.

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The following table lists the principal Manchurian mines as given in the Pauley Replot of July, 1946, with their location, reserves, grade of one 1943 production and present condition.

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	67 AON OE	TROW MINES	MATAURIAN TROP	E		### ### #############################	1
	j		75/75				

Approved For Release 1950 (17): CIA-RDP79T01049A90Q100050001-1

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Manchurian Iron and Steel Mills

opening the large iron and steel industry which was built by the Japanese and damaged in 1945 and 1946 by Soviet occupation and the civil war which raged around the installations. Nevertheless considerable capacity remains in the industry, as is shown in the attached table, and the Communists should be able to atilize many of the plants in 1950.

Anshan and perhaps they have also restored the Pench'ihu coking ovens. Some coke is being produced in Lairen. They reopened one 400-ton blast furnace at Anshan in June, 1949 and might be able to open 700-ton blast furnace (Anshan) in 1950. The millionton capacity steel mills at anshan are still cold, and the only steel produced in Manchuria is a trickle from electric furnaces located in Dairen. The mills in Anshan and Pench'ihu for processing steel are not in operation.

The industry requires for raw materials coking coal, highgrade iron ore, fluxes and refractories. Production of coal, but
not iron ore, has been resumed. There are probably considerable
stockpiles of iron ore at the mines in Manchuria. The power requirements for the industry at its present reduced size can be met
by remaining plants in Manchuria. Pluxes and refractories are
readily available in manchuria. The railroad network has been

Approved For Belease 1999/05-1A-RDP79-101049A000100050001-1

almost completely restored in southern Manchuria. Therefore, the Communists should have little trouble in restoring minimum operation of the industry in 1950.

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Sources: Pauley Report July, 1946, hestricted.

not in operation. Formers for first time since 1945. not in operation. Produced blooms, billets, slabs. billets, slabs. billets, slabs.				p
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oper time	500	. 1 500	Anshan No.	e stert
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	63	က ်	Pench'ihu	
none	none	so co	Anshan	CANOR IFOR
In operation in June, 1979.		1,950	Anohan Tungpientao	
None. 2 200MT/day furnaces at Pench'thu in- tact. Kungyuan furnaces destroyed.	144	5 76	Pench 1hu	779 TRON
possibly some (includes Kungyuan) in operation, perhaps 1,000 MY/day operated by Chien Hein Corp. (Chinese)	250 1,000 30	per year) 758 2,044 50	Pench [†] hu Anshan Dairen	9104 3 A0
Current Production	Current Capacity	August 1946 Capacity (1000 metric	Mt 11	001000

not in operation. Mostly wire drawing mill not in operation. Used special steel. I operated by Chien Hein Corp.

IP-41 30 November 1949

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Manchurian mailways Which Service Iron and Steel Plants

Manchuria is excellently described in the Far East Command's Terrain Stud, No. 1 on Manchurian Mailways, dated 1 May 1948, Secret. While there has been postwar descruction of railroads in Manchuria, it appears that the Chinese Communists have restored all rail lines which connect the iron mines, coal mines and the iron and steel mills. No data other than the existence of rail lines are available to D/FE.

10:00 DEC | JQ | 13



CENTRAL INTELLIGENCE AGENCY

DIFE Project: Approved #6 Release 1999/9943 : CIA RDP79 01049A000100050001-1

Project Initiation Memorandum

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18 Nov 49

D/FE Toi

Publications

From: Clarring Minister, Projects Planning REC

Subject: US consular personnel in Mukden

Statement of Project

Origin:

Problem: To provide specified information on US consular personnel in Mukden

Scope:

Information desired includes:

a) Nam es

b) Nationalities

(d) present status, i.e., whether incarcerated or not.

Graphics (if anv):

Form Memorandum, to be drafted by D/FE

Draft due in D/St: 21 Nov 49

Dissemination deadline

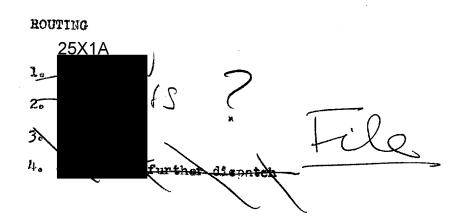
Responsible Branch: D/FE

Internal Coordination: None

Departmental responsibilities: Info must come from State; securitys of requester must be preserved.

Classification to be no higher than: Secret

Recommended Dissemination: Requester only



18 November 1949

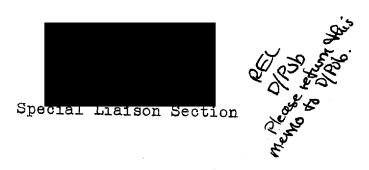
MEMORANDUM FOR: CHIEF, G/SI

SUBJECT : Request for Information (Case No. 621)

l. It is requested that this office be furnished with the following information concerning the consular staff at Mukden:

- a. names
- b. nationalities
- c. ages
- d. present status, i.e., whether incarcerated or not.
- 2. We understand there are some dependents of American employees also at Mukden. If this is true, we would like their names.
- 3. It is requested that this information be furnished as soon as possible.

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CONFIDENTIAL

Approved For Release 1999/09/27: CIA-RDP79701049A000100050001-1 ROUTING AND RECORD SHEET

INSTRUCTIONS: Officer designations (see separate sheet) should be used in the "To" column. Under each comment a line should be drawn across sheet and each comment numbered to correspond with the number in the "To" column. Each officer should initial (check mark insufficient) before further routing. This Record and Routing Sheet should be returned to Registry.

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Project:

OFFICE OF LONGITS AND ESTIVATES

Project Initiation Memorandum

Date: | 3 200 1949

To: 1/15, 0/15

From: Publications Division, Projects Planning

Subject: Trensmission of strategic materials through Albenia

Statement of Project:

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Origina

rela by

Problem: We provide information on the transmission of strategic military

Scope:

Figures to be provided

Graphics (if any):

Forma

Draft due in D/Pub:

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Dissemination deadline (if any):

Responsible Division: Was, by

Internal Coordination:

B/MS if meeded

Departmental responsibilities:

Classification to be no higher than

Recommended Pisserinstion: 2.0.

1. Albania 2. East. West brade

8 December 1949

MEMORANDUM FOR:

D/Pub. ORE

ATTENTION

<u> 25X1A</u>

SUBJECT

Intelligence Information on Albania

REFERENCE

(a) Memo ORE conversation with

25X1A

It is requested that this office be furnished the latest information concerning Albanian exports and imports particularly those strategic materials from sources outside Albania, which are transhipped to the USSR.



Reference: Cases #589,673

ROUTING AND RECORD SHEET

INSTRUCTIONS: Officer designations (see separate sheet) should be used in the "To" column.

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FORM NO. 51-10 SEP 1946

25 November 1949

Subject: Information on Albanian Foreign Trade

1. Imports into Albania from countries other than USSR and Satellites

Albanian imports from countries other than the USSR and Satellites during the period January-October 1949 were insignificant. According to available information the following significant commodities were shipped to Albania.

Commodity	Origin	Value or Units
Automobile	∀. Տ.	୍ବ 6,200
Automobile parts and accessories	V. S.	\$29 ,8 00
Motor-sailing vessels of small tonnage	Italy and Trieste	At least three vessels, possibly as many as

2. Exports from Albania to the USSE and Satellites

During the period January-October 1949 Albania exported to the USSR and Satellites the following commodities of strategic importance:

Commodity	Destination	<u>Volume</u>
Crude oil Bitumen Chromium Ore Iron Ore	USSR USSR Czechoslovakia Poland	61,800 tons 17,150 tons 14,570 tons 5,500 tons

Project:

IP-44

CEMPRAL IMPRILIGENCE ATENCY

OFFICE OF REPORTS AND ESTIMATES

Froject Initiation Memorandum

Date: 23 Nov 49

To:

D/WE

Froms

Publication Division, Projects Planning

Subject: Redio Andorra

Statement of Project

Origin:

Problem: To provide information concerning Radio Andorra

Scope:

The information sought is outlined in the attached memo.

Regative replies were received

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Graphics (if any):

Porm:

Memorandum, to be drafted by D/WE

Draft due in D/Pub:

Dissemination deadline (if any):

Responsible Division:

D/WE

Internal Coordination:

None

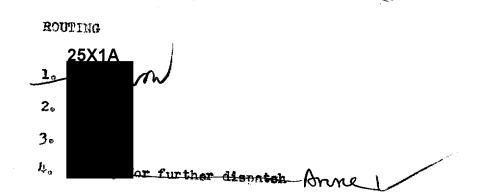
Departmental responsibilities:

None

Classification to be no higher than:

Recommended Dissemination: Requester only

- 1. Radio- Andows.
- 2. Andorra



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23 November 1949

URGENT

MEMORANDUM FOR:

SUBJECT

Radio Andorra

1. It is urgently requested that ISO obtain certain information, principally of a non-technical nature, concerning Radio Andorra. The following type of information is desired:

a. ownership:

b. direction and management;

c. policy, with regard to political, sociological matters, etc.;

countries, particularly in Eastern Europe, d. known to receive transmissions from Radio Andorra and quality of reception;

Any other interesting or unusual facts about Radio Andorra.

2. For your information, this office has already and of OSO made this request of and has received negative replies.

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Intelligence Support Officer

Next 1 Page(s) In Document Exempt



F-65ect: IP-45

CURETRAL INTELLIGENCE AGENCY

DETIUE OF REPORTS AND ESTIMATES

Project Initiation Memorandum

^{ોતુર્ર}શ: 28 Nov 49

D/FE

a: A Publication Division. Projects Planning PEC

oject: Roonomic information on North Korea

Statement of Project

Origin:

Problem: To provide certain basic economic information listed on the attached statement

Make: Info in ER-4 is not suitable; Info on MD-2 is considered by analyst to be maccorate.

data supplied on outline maps available to D/FE.

Sorm: Memorandum with maps

preft due in D/Pub: earliest convenience

Dissemination deadline (if any):

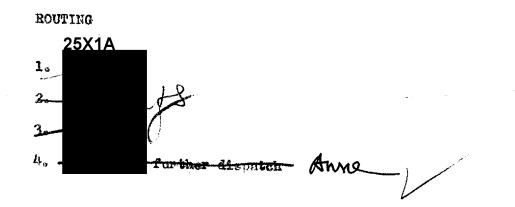
Responsible Division: D/FE

Internal Coordination: D/Ro where necessary

Departmental responsibilities: None

Classification to be no higher than: Secret

Recommended Dissemination: Requester only



28 November 1949

MEMORANDUM FOR: D/Pub. ORE

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ATTENTION

SUBJECT

: Request for Intelligence Information

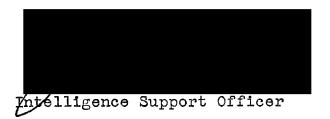
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1. It is desired that the attached request for intelligence information be transmitted to. Korea Economic Analyst, Room 2125 M"

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Building. He is familiar with the background of this request.

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ROUTING AND RECORD SHEET

INSTRUCTIONS: Officer designations (see separate sheet) should be used in the "To" column. Under each comment a line should be drawn across sheet and each comment numbered to correspond with the number in the "To" column. Each officer should initial (check mark insufficient)

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